



4

Megapixel



2.8mm, 4.0mm, 6.0mm
Fixed Lens Options



True WDR



Smart IR™



IP66 Rated

5 YEAR

Warranty

Summary

This MEGAPIX® IP camera provides 4MP resolution at real-time 30fps. It includes a 2.8mm, 4.0mm and 6.0mm fixed lens options with image enhancement features such as 120db true WDR, Smart IR™ and Smart DNR™, all in an IP66, IK10-rated ultra low-profile vandal resistant housing. All MEGAPIX® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

Features

- 4MP 1/3" image sensor at real-time 30fps
- 28mm, 4.0mm, 6.0mm fixed lens options
- True Wide Dynamic Range (WDR)
- Dual codecs (H.264, MJPEG) with simultaneous dual-stream
- 50' Smart IR™ with intelligent camera sync
- Extreme low-profile vandal camera
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Programmable privacy zones
- Dynamic range compression (DRC)
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Web server built-in
- PoE class 3 and DC12V
- Waterproof cabling
- ONVIF conformant, profile S
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant
- 5 year warranty



Accessories (Optional)



DWC-V7WM
Wall mount
bracket



DWC-V7JUNC
Junction box



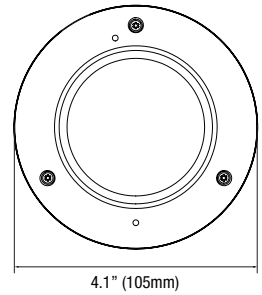
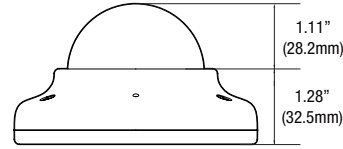
DWC-V7DECO
5x decorative
rings



DWC-V7CM
Ceiling mount
bracket

Dimensions

Unit: inch (mm)



Specifications

Designed and engineered in U.S.A and Korea

IMAGE	
Image sensor	4MP 1/3" CMOS
Effective pixels	2688 (H) x 1520 (V)
Minimum scene illumination	0.41 lux (color) 0.0 lux (B/W)
Video output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
LENS	
Focal length	2.8mm, F2.0 (DWC-MV74Wi28) 4.0mm, F2.0 (DWC-MV74Wi4) 6.0mm, F2.0 (DWC-MV74Wi6)
Lens type	Fixed lens
Field of view (FoV)	90° (DWC-MV74Wi28), 81° (DWC-MV74Wi4) 51° (DWC-MV74Wi6)
IR distance	50ft range
OPERATIONAL	
Shutter mode	Auto, manual, anti-flicker, slow shutter
Shutter speed	1/30-1/32000
Slow shutter	1-1/5, 1/7.5, 1/10
Auto gain control	Auto
Day / night	Auto, day (color), night (B/W)
Smart DNR™ 3D Digital Noise Reduction	0-11
Wide dynamic range (WDR)	True WDR off, WDR2x, WDR3x
Wide dynamic range (WDR) dB	120dB
Privacy zones	4 programmable privacy masks
Alarm notifications	Notifications via e-mail, FTP server or SD card recording
Memory slot	Micro SD / SDHC / SDXC (card not included)
NETWORK	
LAN	802.3 compliance 10/100 LAN
Video compression type	H.264, MJPEG
Resolution	H.264: 1440p/1080p/720p/VGA/D1/CIF MJPEG: 1280x720/800x600/VGA/768x432/D1/CIF
Frame rate	Up to 30fps at all resolutions
Video bitrate	100Kbps - 10Mbps, multi-rate for preview and recording
Bitrate control	Multi-streaming CBR/VBR at H.264 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4
Protocol	Zero config(Auto IP), ONVIF, TCP/IP, UDP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3(MIB-2)
Security	HTTPS(SSL), IP filtering, 802.1x, digest authentication(ID/PW)
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux® Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari®
Video management software	DW Spectrum® IPVMS
ENVIRONMENTAL	
Operating temperature	-4°F-122°F (-20°C-50°C)
Operating humidity	10-90% RH (non-condensing)
IP rating	IP66 certified
IK rating	IK10 rated impact-resistant
Other certifications	CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC12V, PoE IEEE 802.3af Class 3 (Adapter not Included)
Power consumption	DC12V: Max 5.6W PoE: Max 7.4W
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate dome
Dimensions	4.13" x 2.4" (105 x 61mm)
Weight	0.88lbs (0.4kg)
Warranty	5 years warranty

